

# PATENT ABSTRACTS OF JAPAN

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## (54) TELEVISION RECEIVER

(57)Abstract:

**PROBLEM TO BE SOLVED:** To perform communication by voice and images without additionally providing equipment and facilities for constructing a network required for voice and image communication in a television receiver.

**SOLUTION:** The television receiver 1 is provided with: a liquid crystal display 2 for displaying images; a speaker 3 for outputting voice; a camera 4 for photographing the images; a microphone 5 for inputting the voice; a PLC (power line communication) modem 32 for performing power line communication via a power line 10; and a control part 31 for controlling operations of the television receiver 1. The control part 31 transmits voice signals of the voice input from the microphone 5 and image signals of the images photographed by the camera 4 by the power line communication from the PLC modem 32, in addition, receives the voice signals and the image signals from the PLC modem 32, outputs the voice based on the voice signals from the speaker 3 and displays the images based on the image signals on the liquid crystal display 2.

